

# Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

March 2003

Volume 4 Issue 3

## Indiana Amateur Antenna Bill Passes Senate

from *The ARRL Letter* – Indiana's Amateur Radio antenna legislation, Senate Bill 109, passed the Indiana Senate with a vote of 41-8. SB 109, The Regulation of Amateur Radio Antennas, would incorporate the essence of PRB-1 into the state's laws and prohibit any county or municipality from restricting the height of amateur radio antennas to less than 75 feet above ground.

"This legislation would not likely have passed without the efforts of many Indiana amateurs who contacted their state senators and urged passage of SB 109," said ARRL Indiana Section Manager Jim Sellers, K9ZBM. "My thanks to every Indiana amateur who took the time to contact their state senators and urged passage of this Legislation." Sellers also thanked State Government Liaison David Spoelstra, N9KT, as well as the bill's author and sponsor State Sen Rose Ann Antich. The bill next goes to the Indiana House of Representatives. ARRL Central Division Director Dick Isely, W9GIG, congratulated Sellers and "all the Indiana amateurs that have been working long and hard to get the provisions of PRB-1 embedded into Indiana law."



## ARRL Expresses Concerns About Ham Radio Impact Of 70-cm Changes

from *The ARRL Letter* – The ARRL says two FCC-proposed actions could negatively affect Amateur Radio. One would substantially expand the geographical area in the US subject to power limitations on 70 cm. The other would deploy National Weather Service wind-profiler radars in the 448-450 MHz segment.

"The Commission has proposed two actions that have a potentially substantial adverse impact on a large number of Amateur Radio operators in this proceeding," the ARRL said in comments filed this month in ET Docket 02-305. "In each case, the Commission can minimize that impact."

In a Notice of Proposed Rule Making (NPRM) late last fall, the FCC proposed on behalf of the National Telecommunications and Information Administration (NTIA) to—among other things—more than double the size of the geographical area in New Mexico and Texas where amateurs in the 420-450 MHz band would be limited in power to protect military radiolocation service operations. Amateur transmitters in

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Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza@arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

Deadline for April issue is 3/28/2003.

Please do NOT send anything in all caps!!

### Internet Home Pages:

Fort Wayne Radio Club:

<http://www.fortwayneradioclub.org>

ACARTS:

<http://www.acarts.com>

Ft Wayne DX Association:

<http://www.qsl.net/fwdxa/>

# Hamsplatter

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## President's Corner



As always it does not seem possible that it has been a whole month already. By the time you read this it will be only days until spring! I think that everyone is ready.

The February Fort Wayne Radio Club meeting was a joint meeting with ACARTS for SKYWARN training. A special thanks to Kevin from the National Weather Service. As always, the presentation was well done and informative and the attendance was excellent. We always have good attendance and this year was no exception. Again, our thanks to the National Weather Service.

The March meeting will be Friday March 14, 2003. Please note that is a week early. We are meeting on the second Friday because of a schedule conflict at the church. The presentation will be done by Chad, W9GGA, and the subject will be Formal Traffic. Chad will help us understand how to formulate and pass formal traffic. We have discussed this in the past but with the current danger of terrorist disruption of communication it is important enough to revisit the topic. Thanks in advance to Chad for the presentation.

It is hard to believe how busy the FWRC is right now. In the surveys we have done you have said you wanted activities and we are responding. And we need your participation in these activities. We will be sharing with you the date for the FWRC Port-a-Pit Chicken fundraiser. This is an important activity for the club.

We are planning a special event station at the Veteran's Memorial Shrine on O'Day Road for Memorial Day. This will be a lot of fun and we will need your help for this activity. We have also been contacted by the Boy Scouts to help with a Scout-A-Rama in May. We are getting details right now. Those are both opportunities to make sure the FWRC trailer is ready to roll.

Speaking of the trailer, we also need access to

someone's garage so we can do some work on the trailer power panel. As we plan on selling the steel tower to make more room in and on the trailer we have the opportunity to do some more cleaning and organizing inside the trailer. We will have sign-up sheets at the club meeting for the various activities.

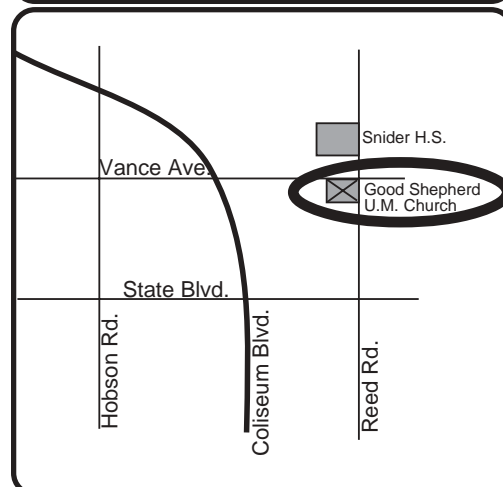
In addition the Board is working on it's mission statement. As times change it is important to make sure our mission statement reflects where we want to go as a club. We will be bringing proposals to the club for review and voting. In addition we are going through the bylaws and handbook to make sure it is up to date. We will be bringing any changes for that exercise to the general meeting for discussion and voting as well.

All this and Field Day is coming up as well. Stay tuned, we are busy and we want you to be involved. See you at the meeting on the 14th.

Tom Baker / N9TB

## Next Meeting:

Fri, April 14, 2003, 7:30 PM  
Program: Formal Traffic - by  
W9GGA



NOTE: There are no general meeting minutes because there was no business meeting at the SKYWARN training meeting.

### 70 cm Changes - Continued from page 1

certain geographical areas already are limited to 50 W PEP “unless expressly authorized by the FCC after mutual agreement, on a case-by-case basis” between the FCC district director and the applicable military frequency coordinator—§97.313(f). The NPRM also reflects action by NTIA specifying the operation of federal government wind profilers in the band 448-450 MHz.

Acknowledging that the Amateur Service is secondary to government services in the band, the ARRL nonetheless asked the FCC to ensure that the affected zone in Texas and New Mexico “is minimized as much as possible, consistent with protection of military facilities.” The ARRL also requested the FCC to create “a streamlined procedure for case-by-case exemptions” from the power restrictions.

“It is difficult for ARRL to address the contention of the Army that amateur power in excess of 50 W PEP in the additional protected areas requested by the Army would cause interference to military radiolocation facilities involved in missile tracking,” the League said in its comments, “because the claim made by the Army is not substantiated by any technical information.” The proposed area would include all of New Mexico and all of Texas west of 104 degrees W longitude. The ARRL said it was “not intuitively obvious” that such a large restricted area was necessary.

The ARRL concluded that a 50-W power restriction was “not a substantial burden” on many FM repeater users but that it could mean lowering the outputs of some critical repeaters used for emergency and public service work or taking them off the air altogether. It also could affect so-called weak-signal, experimental and Earth-Moon-Earth operations, the ARRL said. More than five dozen repeaters in the affected region could be affected, the League estimated.

Concerning the wind profilers, the League said it had understood that the National Weather Service—which operates the radars—would notify

### **Amateur Radio's Public Service Story Is Now Available On Video!**

from *The ARRL Letter* – An updated Amateur Radio Today video now is available for free downloading from the ARRL Web site <<http://www.arrl.org/ARToday/>>. The MPEG-format file is 70 Mbytes.



Narrated by former CBS News anchorman Walter Cronkite, KB2GSD, Amateur Radio Today showcases the public service contributions made by hams throughout the country. Highlights include ham radio's response on September 11, 2001, ham radio's part in helping various agencies respond to last year's wildfires in the Western US, and ham radio-in-space educational initiatives. Directed by Dave Bell, W6AQ, Amateur Radio Today was written by Alan Kaul, W6RCL. The production team included Bell and Kaul as well as Bill Pasternak, WA6ITF, and Bill Baker, W1BKR. The editor was Keith Glispie, WA6TFD.

Amateur Radio Today is an ideal presentation for clubs, government meetings, civic organizations and any other venue where you want to vividly illustrate what Amateur Radio has to offer the public. The video runs just six minutes and is available in several formats. The digital version of Amateur Radio Today is available in MPEG video format, which can be played by Windows Media Player, Apple QuickTime or RealPlayer software. It can be run from the CD or copied to your hard drive (not included).

This copyrighted program is not intended for broadcast use (including over-the-air, cable or Internet) and may not be reproduced or distributed without permission. You also can order Amateur Radio Today on CD-ROM and VHS tape. The CD-ROM version also requires that you have software that can play MPEG files installed on your computer.

ARRL of their locations as selected. “Ideally,” the League said, “since the amateur repeaters are incumbent in the band now, the National Weather Service should select sites that minimize the effect on those repeaters.”

The complete text of the ARRL's comments, the FCC NPRM and other documents are available via the FCC's Electronic Comment Filing System (ECFS) site <<http://www.fcc.gov/cgb/ecfs/>>. Click on “Search for Filed Comments” and enter “02-305” in the “Proceeding” field.

# STATE OF THE ARTS

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## ACARTS Officers

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OPEN

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## President's Message



SNOW, SNOW, go away, and don't come back on another day. I don't know about you, but I am really tired of all this snow and extreme cold temperatures. I guess we are paying for the mild winters we had over the past few years. Speaking of weather, there was a good turnout for the annual SKYWARN training that was held on February 21 st. I would like to thank FWRC, who hosted the training this year. Please use caution and be safe while you are out there spotting severe storms. Also a reminder to everyone to observe repeater protocols during a storm watch or warning period. You can tell that the repeater is under SKYWARN conditions by the "WX" trailer in CW when you unkey. Leave a pause before you key up so that someone who has traffic for the SKYWARN net can get in. Keep your conversations short, or go to the .255 machine.

Mark your calendar for April 15th. No, not for TAX Day, but for the AC-ARTS Spring Banquet. In the past few years, we have not had a speaker at the banquet. Instead, we have used the time to socialize after dinner. Everyone seems to enjoy doing this. If you would like a speaker, let me or any officer know. If you have an idea for a speaker, let us know so we can make the arrangements for a program. Otherwise we will do what we have done in the past.

And, speaking of programs, we need ideas for future meetings. Better yet, we need a Activity Manager for the club. The person in this position arranges for the programs at our general meetings, and other activities the club has. In the absence of a Activities Manager, the board has been trying to come up with programs. We need

your help!!!! I need suggestions of programs that you would like to see. If you know someone who would be of interest, ask them if they would put on a program. If YOU have something that YOU think would be of interest to the membership, volunteer to do a program. Well, that's all for this month, see you at the meeting.

73,  
Vic, KA9LTV



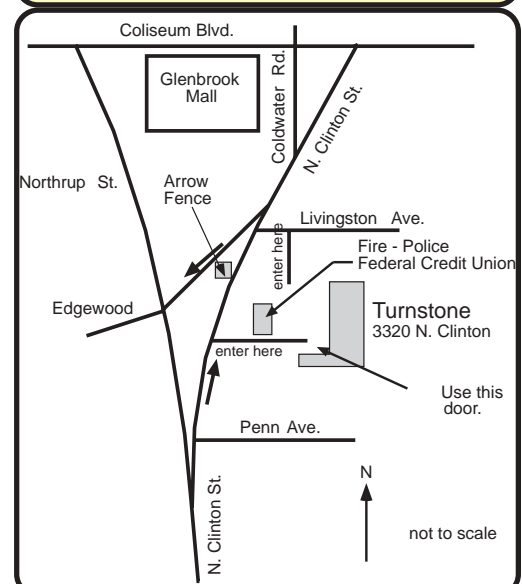
## Meeting Schedule

All meetings are at 7:30 PM at Turnstone unless otherwise noted.

**ACARTS General Meeting:** Tue,  
3/18/2003, 7:30 PM  
**Program:** TBA

**Board Meeting:** 3/11/2003  
All members are encouraged to attend.

**Tech Committee:** no meeting this month







### February ACARTS Board Meeting Minutes

The January ACARTS board meeting was called to order by President Vic Berko, KA9LTV.

Vic asked if anyone had any ideas for a speaker at the April spring banquet, but no strong candidates emerged.

Jim Boyer, KB9IH then presented an idea to go through and clean out the club storage shed. Throwing away a lot of the unused parts and equipment would save the club money since a large storage shed would not be needed. It was decided that the club will have a spring cleaning day once the weather gets warmer.

Vic Guess, WB9UZA then mentioned that members are encouraged to download the monthly newsletter instead of getting it by mail, to reduce club costs.

The meeting was officially adjourned at around 8:20 PM.

Respectfully Submitted,

Kevin, KCBUR

**NOTE: There are no general meeting minutes because there was no business meeting at the SKYWARN training meeting.**

Job listing – Wanted: ACARTS Activities Manager

**Activities Manager:** Coordinate the social and nontechnical events of the organization, provide for presentation of programs at each regular meeting, coordinate activities which provide assistance to persons desiring an Amateur Radio license, coordinate non-emergency public service communications, establish committees as needed to carry out the above activities.

### Hams Aid Columbia Debris Search In Western States



from *The ARRL Letter* – Amateur Radio operators continued their involvement with efforts to locate space shuttle Columbia debris, as NASA's search shifted focus to include points west of Texas. According to NASA, the search for parts is running along the shuttle's re-entry path—basically 60 miles north or south of a line from San Francisco, California, to Lafayette, Louisiana.

New Mexico amateurs were among those helping to check in the Albuquerque area. "Based on a number of sources and analysis, NASA had reason to believe that debris from the shuttle Columbia may have impacted in Embudito Canyon," read a statement on the New Mexico Search and Rescue Support Team Web site <<http://www.nmsarsupport.org/>>. The team includes a number of hams in its ranks.

NASA wanted to follow up on both radar and eyewitness reports of possible shuttle debris in Embudito Canyon—in the Sandia Mountains east of Albuquerque. Authorities asked the NM SAR Support Team to provide communication and incident base support February 15 for a massive search involving more than 150 searchers. Although several small objects were found in the rugged terrain, none were attributed to the Columbia.

Keith Hayes, KC5KH, of the NM SAR Support Team estimates that more than 40 Amateur Radio operators participated in the effort, serving as incident command staff, providing communications for tactical and logistics support, and as members of field search teams.

"In addition to providing tactical and logistical support with its specialized communications trailer, 14 ham radio members of the New Mexico SAR Support Team provided additional APRS tracker and field team GPS track data collection," Hayes said. "Bernalillo County ARES Search and Rescue provided additional off-site logistical communications."

On February 24 near Caliente, Nevada, investigators continued to look for possible debris from Columbia that was tracked by air traffic control radar. Materials have been found in the area, but so far none have been confirmed to be from Columbia, NASA said.

NASA has asked anyone in Arizona, Nevada, New Mexico, and Utah for help in locating any material that may have fallen from Columbia as it was re-entering Earth's atmosphere. "Everyone is asked to be on the lookout for possible shuttle material 60 miles north or south of the re-entry track," NASA said in a news release.



**Ft Wayne DX Association**

## **Save Your Station for the DX**

**James Wolf, KR9U**

How many of you expected lightning to occur during one of this year's February snow storms? Yet it happened. I still remember Frank, K1FJ, literally having his complete station damaged by a freak January lightning strike. So, why do we hang wires in trees, point pieces of metal up in the air 50 feet or more and not expect that it will attract lightning? I've heard; "What if it does?" "I disconnect everything when I am done using my station." Well, that doesn't always work. I won't go into my own experiences with lightning damage, other than to say that it has been quite extensive until I took steps to protect myself as well as my equipment. That has been over ten years ago, and I have not had any known lightning damage since that time.

Few of us could afford the kind of protection that would allow one to operate safely during a lightning storm. Personal safety is your first concern. This means tying all grounded objects together to prevent side flashing between them, and perhaps increasing the ground. Because of the hardware we use, amateurs expose their homes to more and larger potential surges, so you might also wish to add some protection for non-amateur equipment like stereos, TVs, VCRs and computers. Use three-way surge-protected power strips for any expensive electronic equipment. Plug the TV, VCR and all video accessories into a common strip and ground the braid of the coax feed to that strip using a short bonding strap. For a home computer, plug the computer and all of its peripherals into a common strip. If your system uses a phone line modem, put in a secondary phone line protector and ground it directly to that same strip with a short bonding strap.

Now back to your station. Why doesn't disconnecting work for protection? It depends on the intensity of the strike and more importantly, on whether or not you are faithful in disconnecting. For simple shutdown protection, pick a central point where it's convenient to bond all of the shack item grounds together, including the antenna coax braids, and call this point "shack ground." Run a copper strap or tubing from this point to a good close outside ground. When you shut down your station, unscrew the antenna coaxes and ground them including the

center conductor. Pull the power plugs that supply power to the outlet strips, and disconnect the rotor cable and any other control lines from their associated equipment. Check your work! There should now be only one ground path from each unit or group of units to ground.

KA9A borrowed one of my power supplies when lightning happened to hit his tower that was about 15 feet away from my power supply. At the time of the strike, it was not connected to anything, including the power cord, and was at least three feet away from anything metallic. Not only was the line fuse blown, but the supply was also damaged beyond reasonable repair. In this case, just the proximity of the strike was enough to induce damage into a piece of equipment that was totally unplugged.

There certainly is not enough room here to get into the different or more extensive protection techniques, but if you are interested, e-mail me at [kr9u@arrl.net](mailto:kr9u@arrl.net) and I'll be glad to steer you in the right direction.



## **Pioneer 10 Spacecraft Sends Last Signal**

from *The ARRL Letter* – Talk about weak-signal DX! NASA says that after more than 30 years, it appears the venerable Pio-

neer 10 spacecraft has sent its last signal to Earth. Pioneer's last, very weak signal was received on January 22. NASA engineers report Pioneer 10's radioisotope power source has decayed, and it may not have enough power to send additional transmissions to Earth. NASA's Deep Space Network (DSN) did not detect a signal during the last contact attempt February 7. The previous three contacts, including the January 22 signal, were very faint with no telemetry received. The last time a Pioneer 10 contact returned telemetry data was last April 27. NASA plans no additional contact attempts for Pioneer 10, which is 7.6 billion miles from Earth. At that distance, it takes more than 11 hours 20 minutes for the radio signal to reach Earth. More information is available on the Pioneer 10 Web page <<http://nssdc.gsfc.nasa.gov/nmc/tmp/1972-012A.html>>.

## An Improved Belt Clip

**Vic Guess, WB9UZA**

If you happen to own a Yaesu VX-5R or VX-1R you soon realize what a terrible belt clip these radios come with. The original clips have two major deficiencies: First, the clip doesn't grip tight enough, second, the length of the clip will not clip over anything but the narrowest of belts.

A good replacement clip is the "SwiveLock" which is sold by Radio Shack under their part # 17-543 (\$9.99). This is sold for cell phones but it works fine for HTs. It comes as a 3 piece kit. The small part attaches to your phone or HT, the large part is the belt clip itself, and the other part is meant to attach to your dash. (See Fig. 1)

The part that attaches to the HT comes with double-sided tape but I didn't trust it so I peeled it off and drilled out the hole to just clear the screw that mounts the original VX-5R clip. The plastic is soft in the SwiveLock part and easily drilled. Don't use a drill that is too large or the head could pull through the soft plastic. Be sure to use the screw that is supplied by Yaesu since it is not only metric but it is the proper length. (See Fig. 2)

The SwiveLock clip not only provides a positive grasp on the belt but it allows the HT to pivot when sitting in a car or chair.



Fig. 1



Fig. 2

## NWS Spring Newsletter

The spring issue of Weather Bulletin, the seasonal newsletter of the Northern Indiana National Weather Service office, has been posted at their webpage. You can access the newsletter via their main page at <http://www.crh.noaa.gov/iwx/> (click on "Newsletter" about two-thirds of the way down the left-hand column), or you can go directly to the newsletter at <http://www.crh.noaa.gov/iwx/publications/newsletter/spring03/index.shtml>. Several past issues and an index (<http://www.crh.noaa.gov/iwx/publications/newsletter/index.pdf>) are available as well.

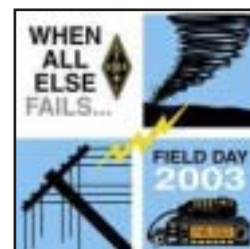
Topics included in the Spring 2003 issue:

- Attend a SKYWARN Training Class
- Advanced SKYWARN Spotter Training
- Snow Rollers
- 2002 Year in Review
- SKYWARN Recognition Day
- Book Review: The Tornado (in honor of the 50th anniversary of the Waco Tornado)
- Historical Weather

## Hams and X

Hams and X < <http://homepage.mac.com/smuncy/hamradio/HamsAndX.html> > is a new web site by Steve Muncy, NI5V, dedicated solely to Amateur Radio software that runs under Mac OS X (not Classic), X Windows (Darwin, X11), or Java and is in a usable state (not preliminary alpha or beta software). The Web site has links to a variety of applications in the following categories: antennas and transmission lines, APRS /data communications/TNC, DX/DX clusters, EME/satellites, licensing/tutoring, logging, and utilities. Some of the highlights include a freeware PSK-31 program, a logging program that also combs the Internet for DX hot spots and a control program for the Elecraft K2.

Field Day 2003 T-Shirts and Pins are now available from the ARRL





## Severe Weather Awareness Week for Northern Indiana (IWX)

Governor Frank O'Bannon has proclaimed the week of March 2nd through March 8th as Severe Weather Awareness Week in Indiana. The National Weather Service in conjunction with the Indiana State Police, the Indiana State Emergency Management Agency, the Indiana Department of Education, the Broadcast Media and amateur radio operators will conduct a statewide tornado exercise on Wednesday March 5th.

There will be two drills initiated on March 5th this year by the National Weather Service. The first drill will be conducted between 2:00 PM and 2:30 PM and the second drill between 7:00 PM and 7:30 PM. Should actual severe weather be a threat on March 5th, the test will be held on March 6th.

The goal of Severe Weather Awareness Week is to remind Hoosiers of all ages to the hazards that severe thunderstorms and tornadoes can bring to Indiana. Indiana averages 20 tornadoes and 4 tornado related fatalities each year. Severe weather can occur at anytime during the year. Last November, a F4 tornado caused widespread damage across northern Indiana with no fatalities before crossing into Ohio and killing 4.

The Indiana Michigan Ohio SKYWARN Association (IMO SKYWARN) urges all amateur radio operators in northern Indiana, to participate in their local county severe weather net the day of the drill.

IMO SKYWARN will have a person at the IWX National Weather Service office using the quad system to relay information into the system in association with amateur radio station WX9IWX and will coordinate the communications test net for amateur radio operations into the NWS in northern Indiana. Please make plans to participate in these test sessions as an opportunity to familiarize yourself with your local county SKYWARN operation.

For more information please contact:  
Paul Van Dyke KB9AVO, Indiana Michigan Ohio SKYWARN Assoc. President

And remember to go to a local SKYWARN training session, and take a friend along.

## Amateur Radio Spectrum Protection Act Reintroduced In US House



from *The ARRL Letter* – The Amateur Radio Spectrum Protection Act has again been introduced in the US House of Representatives. The measure is an ARRL legislative initiative. Florida Rep Michael Bilirakis put the latest version of the bill, HR 713, into the legislative hopper on February 12. It has been referred to the House Committee on Energy and Commerce. When last introduced in 2001, the measure was known as HR 817.

The House bill already has two cosponsors, Reps John Boozman, Arkansas, and Patrick Tiberi, Ohio. Both cosponsored last year's bill.

HR 713 is aimed at ensuring the availability of spectrum to Amateur Radio operators. It would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. Bilirakis, a Florida Republican, has twice before sponsored similar legislation at the League's recommendation. A Senate version of the bill is pending.

The measure would amend the Communications Act to require the FCC to provide "equivalent replacement spectrum" to Amateur Radio and the Amateur-Satellite Service in the event of a reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or "additional allocations within such bands that would substantially reduce the utility thereof" to amateurs.

The 2001 version of the measure attracted 53 cosponsors in the House but last spring became one of many pieces of legislation caught up in the so-called "Enron logjam," during which the Internet and Telecommunications Subcommittee did not meet, although its full committee, Energy and Commerce, held numerous hearings concerning Enron.

The ARRL is urging members of the Amateur Radio community to contact their representatives in Congress and request that they cosponsor HR 713. Experience has shown that, while most members of Congress understand and appreciate the benefits of Amateur Radio, some may be reluctant to sign onto a technical piece of legislation without some indication of support from their own constituents. A sample letter is available on the ARRL Web site.

The text of HR 713 is available via the Thomas Web site <<http://thomas.loc.gov/>>. Enter "HR713" in the "Bill Number" window. ARRL asks that members soliciting their members of Congress to cosponsor this legislation to copy their correspondence to the League via e-mail to [specbill03@arrl.org](mailto:specbill03@arrl.org).





## For Sale & Wanted

### Wanted:

- Old Magnavox radios, 30's through 80's, table and or portables models only please.

• Heathkit Power supply. These power supply were used with the old Heathkits HW12 and or HW101. I would like Heathkits only no home brews.

KB9OS, Larry Temenoff, TEMENOFF@ipfw.edu, 260-490-3089

For Sale: Kenwood TR 751A, 2 meter all mode, includes mounting bracket and mic and tone board installed. Price: \$250.00. Brian Clark, KC9APP at 260-587-3484 after 6 PM or kc9app@arrl.net

• • •

For Sale: IBM Aptiva computer, 233MHz, 128MB RAM, CD-ROM, 56k modem, soundboard, more! \$200. Perfect for ham applications/dedication. For more contact Victor, WA9YOS, 269-471-8812, victorl4@prodigy.net.

• • •

### For Sale:

- 19" rack mount cabinet. Good shape. N connector on top and buss way inside. Front and back doors. Blower and key included. \$20 pick up only in Fort Wayne.
- Heathkit SB-102 station with extras. Two (2) SB-102 radios, one in good shape the other in fair to good shape. Paint and grime are the major cosmetic issues. Both radios power up, transmit and receive. Both radios will need cleaning and alignment. The primary radio also has

the CW filter installed. Panels and knobs are in good shape. No dings, dents or serious scratches. Heathkit Power Supply. SB-600 SpeakerHeathkit Desk Mic. DC supply and mobile mount (fair condition). Manuals and cables. Price: \$450 (Pick up only)

- Icom speaker mic model HM-46 in very good condition. Price: \$10

• Drake SPR-4 Communications receiver. Excellent mechanical and cosmetic condition. All but three crystal positions filled. Includes the optional calibrator and original manual. Price: \$325 (Pick up only)

Mike Stover, W9MWS, (260) 485-7448, w9mws@arrl.net.

• • •

### For Sale: SCSI Computer drives:

- Adaptec AHA-2930CU Ultra (20 MB/s) PCI SCSI card
- NEC CD-3010A 40X SCSI CD ROM drive
- Yamaha CRW4416S SCSI CDRW drive (4x4x16)

Entire working package with internal cable and manuals \$120

Don Gagnon WB8HQS, at 260-484-3317 or wb8hqs@arrl.net

• • •

### Kenwood Car Stereo / CD player

- 22 watts per channel / 4 channels
  - removeable from panel (with spare front panel)
  - now wired with connector for Windstar van, but includes wiring diagram
  - originally sold for \$180 18 months ago, asking \$70
- Don Gagnon WB8HQS, at 260-484-3317 or wb8hqs@arrl.net

## Regional Hamfests

<u>Date</u>	<u>Location</u>	<u>Contact Phone</u>	<u>URL or E-mail</u>
15 Mar 2003	Marshall, MI	269-781-4540	N8BGM@aol.com
16 Mar 2003	Maumee, OH	419-385-5624	<a href="http://www.tmrhamradio.org">http://www.tmrhamradio.org</a>
16-18 May 2003	Dayton, OH		<a href="http://www.hamvention.org/">http://www.hamvention.org/</a>
12 Apr 2003	Columbus, IN	812-342-4670	carc_in@yahoo.com
22 Mar 2003	Michigan City, IN	219-325-9089	<a href="http://home.attbi.com/~w9ly">http://home.attbi.com/~w9ly</a>
25 May 2003	Chicago, IL	773-908-5331	<a href="http://www.chicagoarc.com">http://www.chicagoarc.com</a>
8 Jun 2003	Wabash Hamfest		

For more complete information go to <http://www.acarts.com/hamfests.htm> or <http://www.arrl.org/hamfests.html#listing>



## Test Points

22-Mar-2003  
 Sponsor: UNSPONSORED  
 Time: 2:00 PM (No walk-ins)  
 Contact: WALTER C VOGEL

(419)394-2976  
 Email: AWVOGEL@BRIGHT.NET  
 VEC: ARRL/VEC  
 Location: VAN WERT COUNTY EMA OFFICE  
 1220 LINCOLN HWY  
 VAN WERT, OH 45891

29-Mar-2003  
 Sponsor: W5YI-VEC — WHITLEY COUNTY ARC  
 Time: 9:00 AM (Walk-ins allowed)  
 Contact: ROGER L MC ENTARFER  
 (219)691-3009  
 Email: N9QCL@ARRL.NET  
 VEC: W5YI VEC  
 Location:  
 BASEMENT MEETING ROOM  
 101 W MARKET ST - SUITE C  
 WHITLEY COUNTY JAIL  
 COLUMBIA CITY, IN 46725

26-Apr-2003  
 Sponsor: UNSPONSORED  
 Time: 2:00 PM (No walk-ins)  
 Contact: ROBERT E HIGH  
 (419)795-5763  
 VEC: ARRL/VEC  
 Location: EMA BLDG  
 1220 EAST RIDGE RD  
 VAN WERT, OH 45891

03-May-2003  
 Sponsor: FORT WAYNE VE TEAM  
 Time: 9:00 AM (Walk-ins allowed)  
 Contact: WILLIAM C HALL  
 (260)485-3995  
 Email: WD9HII@ARRL.NET  
 VEC: W5YI VEC  
 Location:  
 FORT WAYNE/ALLEN CTY PUB LIB  
 6600 E STATE BLVD  
 GEORGETOWN BRANCH  
 FORT WAYNE, IN 46815

24-May-2003  
 Sponsor: UNSPONSORED  
 Time: 2:00 PM (No walk-ins)  
 Contact: ROBERT E HIGH  
 (419)795-5763

VEC: ARRL/VEC  
 Location: EMA BLDG  
 1220 EAST RIDGE RD  
 VAN WERT, OH 45891

31-May-2003  
 Sponsor: W5YI-VEC — WHITLEY COUNTY ARC  
 Time: 9:00 AM (Walk-ins allowed)  
 Contact: ROGER L MC ENTARFER  
 (219)691-3009  
 Email: N9QCL@ARRL.NET  
 VEC: W5YI VEC  
 Location:  
 BASEMENT MEETING ROOM  
 101 W MARKET ST - SUITE C  
 WHITLEY COUNTY JAIL  
 COLUMBIA CITY, IN 46725

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## 4L4FN leaving North Korea

from *The ARRL Letter* – Ed Giorgadze, 4L4FN, the first amateur to operate extensively from North Korea and to earn DXCC from that entity, will leave for his next duty assignment March 1. Last fall, after about one year of operation, Giorgadze—an employee of the United Nations World Food Program who had been operating as P5/4L4FN from Pyongyang—was ordered off the air by North Korean authorities. The ARRL accredited SSB and RTTY operation of P5/4L4FN for DXCC, and Giorgadze himself earned a mixed DXCC Award during his stay. As of the end of his operation last November 22, P5/4L4FN had logged a total of 16,194 QSOs (12,170 unique call signs) that included 167 DXCC entities worked. More information on P5/4L4FN is available on the AMSAT Net Web site <<http://www.amsatnet.com>> of QSL Manager Bruce Paige, KK5DO. Click on “P5 North Korea.”

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## ECHO LINK Info

ECHO LINK NODE:  
 maintained by: KB9RLW  
 Simplex Frequency: 145.700 FM only  
 Node number: 16686  
 Random connection: dial “00”  
 Hang up or disconnect: dial “#”  
 Identify: dial “\*”

This node can occasionally be connect to the 146.94 repeater.

## Membership Application for ☐ FWRC - and/or - ☐ ACARTS

Name: \_\_\_\_\_ Call sign: \_\_\_\_\_ License class: \_\_\_\_\_

Street address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_ -<sup>4</sup> \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Unlisted? ☐ Yes

Email address: \_\_\_\_\_ ARRL Member? ☐ Yes

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$6.00/yr. premium.

How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

### Fort Wayne Radio Club Dues

Regular membership ☐ \$15.00 / year  
 Family membership <sup>1</sup> ☐ \$21.00 / year  
 Student membership <sup>2</sup> ☐ \$6.00 / year  
 Associate membership <sup>3</sup> ☐ \$15.00 / year  
 Mailed newsletter ☐ \$6.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

### A.C.A.R.T.S. Dues

Regular membership ☐ \$12.00 / year  
 Additional family members <sup>1</sup> ☐ \$6.00 / year  
 Student membership <sup>2</sup> ☐ \$6.00 / year  
 Associate membership <sup>3</sup> ☐ \$6.00 / year

(New Regular memberships are \$1/month)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. unlicensed member

4. 9 digit ZIP code required for US bulk mail

Please attach a check (number \_\_\_\_\_) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club  
 PO Box 15127  
 Fort Wayne, IN 46885

A.C.A.R.T.S.  
 PO Box 10342  
 Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club. **Payment by check is strongly encouraged!**

### **ACARTS Voice Repeaters**

146.880 (-) General use / Skywarn priority  
 147.255 (+) General use / Autopatch priority  
 443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

### **ACARTS Digital Repeaters (digipeaters)**

144.390 (s) APRS - wide  
 145.010 (s) General use, NETROM (FWA) - wide  
 223.660 (s) BBS use ONLY NETROM (FWA220) - wide

### **Fort Wayne Radio Club Repeaters**

Voice: 146.76 (-) General use  
 146.94 (-) General use with autopatch  
 146.91 (-) Autopatch only  
 444.875 (+) General use  
 ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

### **Area Traffic Nets**

(please submit any changes or corrections to the editor)

**IMO:** meets nightly at 6:30 p.m. (2330 UTC) on 146.88

**Auburn:** meets Mon., Tue., Wed., Thur., Fri., & Sat. at 6 p.m. (2300 UTC) on 147.36(+)

**21 Repeater Group:** meets each Wednesday at 9 p.m. (0200 UTC) on 147.150

**Helping Hands Net:** Mondays @ 9:00 p.m. 146.94(-)

### **Miscellaneous Nets**

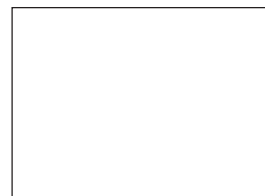
**Huntington ARES:** Saturday at 8:00 p.m. (0100 UTC) on 146.685

**Whitley Co. / ARES:** Wednesdays at 7:15 p.m. (0015 UTC) on 145.270 (Note 131.8 PL disabled for all nets)

**Whitley Co. Sunday:** Sundays at 7:45 p.m. (0045 UTC) on 444.550 +. (The 146.460 simplex crossbanding from both nets has been dropped.)

**Six Meter AM net (informal):** Every Saturday night at 7:00 p.m. and Sunday at 8:30 p.m. on 50.580 MHz .

Allen County HamNews  
PO BOX 10342  
FORT WAYNE, IN 46851



TO:



W9INX/R



### Activities Calendar



Date	Time	Event	Place
3/4/03	7:00 PM	FWRC board meeting	GSUMC
3/11/03	7:30 PM	ACARTS board meeting	Turnstone Center
3/14/03	7:30 PM	FWRC general meeting	GSUMC
3/15/03	9:00 AM	SKYWARN Advanced Spotter Training	Elkhart Central H.S.
3/18/03	7:30 PM	ACARTS general meeting	Turnstone Center
3/28/03		deadline for April ACHN items	
4/1/03	7:00 PM	FWRC board meeting	GSUMC
4/8/03	7:30 PM	ACARTS board meeting	Turnstone Center
4/11/03	7:30 PM	FWRC general meeting	GSUMC
4/15/03	7:30 PM	ACARTS general meeting	Turnstone Center
4/25/03		deadline for May ACHN items	
4/29/03	7:00 PM	FWRC board meeting	GSUMC
5/9/03	6:30 PM	FWRC Spring Banquet	GSUMC